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5/419
British

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355

398,584 COMPLETE SPECIFICATION

1 SHEET

Sept. 21, 1933

Fig. 1.

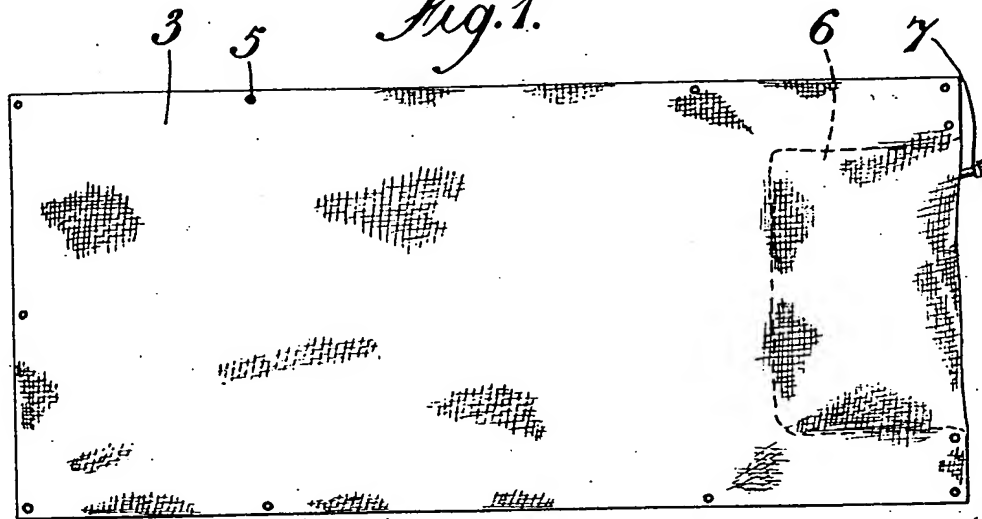


Fig. 2.

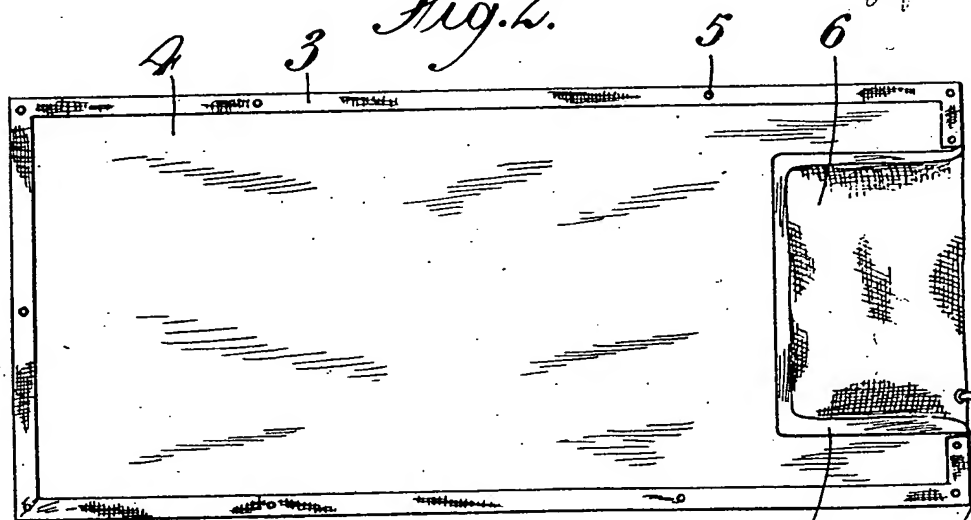
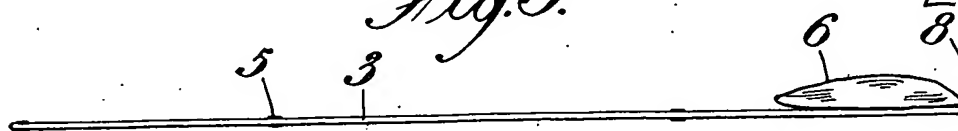


Fig. 3.



[This Drawing is a reproduction of the Original on a reduced scale.]

PATENT SPECIFICATION



Application Date: April 29, 1932. No. 12,388/32.

Complete Left: Feb. 8, 1933.

Complete Accepted: Sept. 21, 1933.

PROVISIONAL SPECIFICATION.

398,584

EXAMINER'S

COPY

Div. 8

Improvements in and relating to Ground Sheets, Sleeping Bags and the like.

5-344

I WALTER BINTLEY TIDMAN, of 55, Holland Park, W. 11, British nationality, do hereby declare the nature of this invention to be as follows:—

- 5 This invention relates to ground sheets, sleeping bags and the like.
The invention has for its object to provide an improved arrangement of the kind referred to, and to this
- 10 end the ground sheet or sleeping bag according to the present invention has a pillow or equivalent head rest associated therewith. It will be understood that the pillow or equivalent may
- 15 either be formed as an integral portion of the ground sheet or sleeping bag, or it may be attached thereto in any convenient manner.
In carrying the invention into effect
- 20 according to the preferred form, and as applied by way of example to a ground sheet, the sheet is formed, as is the usual practice, from water-proof material, and there is provided near what is in use the
- 25 upper end thereof, a padded member, preferably formed from water-proof material similar in nature to that comprising the sheet.
The pillow or equivalent may be secured
- 30 to the sheet in any convenient manner, but in some cases it may be attached as by means of a flap adapted to be stitched to the sheet, and provided only at the edge of the pillow adjacent the upper edge of
- 35 the sheet, and in this way alternative positions may be provided whereby the pillow may be disposed either upon the sheet member or turned up to extend therebeyond.
- 40 It will be understood that modifications

may be made without departing from the scope of the invention, for example, in some cases the ground sheet may be built up from a plurality of layers of a water-proof material and the pillow provided by a padded section disposed in a suitable position between said layers and secured therein by stitching or other suitable means extending around the periphery of the padded section.

Obviously, also, the pillow or head rest may comprise a quantity of padding secured in position on the ground sheet by means of a flap member, preferably formed of water-proof material, secured to the sheet in any convenient manner. Furthermore, instead of providing only one pillow associated with each ground sheet, the sheet may be of the double size and provided with a plurality of pillows or equivalent head rests.

Also, while the invention has been described as applied to ground sheets, it is equally applicable to sleeping bags and similar devices.

It will be understood that by means of the present invention there is provided an improved ground sheet or sleeping bag in which the pillow is associated directly with the device, and as such may be folded with the ground sheet or sleeping bag to provide a compact form for transportation.

It will be understood that the pillow or head rest may comprise a stuffed or padded member or it may have the form of an air cushion or similar member.

21st April, 1932,
W. B. TIDMAN.

COMPLETE SPECIFICATION.

Improvements in and relating to Ground-sheets, Sleeping-bags and the like.

- 80 I, WALTER BINTLEY TIDMAN, a British Subject, of 55, Holland Park, London, W. 11, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the
- [Price 1/-]

following statement:—

This invention relates to ground sheets, sleeping bags and the like, and has particular reference to such devices which are provided with a pillow in the form of an inflatable bag-like portion.

In a combined waterproof ground sheet and pillow as hitherto proposed, a pillow was formed by folding over one end of the material comprising the sheet and securing the same along its edges so as to provide in effect a pillow extending throughout the full width of the sheet. Such an arrangement, however, has the disadvantage that the pillow is large, and consequently considerable effort is required to inflate it, while, unless inflated to an extent too great to be comfortable, owing to its large cubic capacity, too resilient. Furthermore, where the pillow extends to the sides of the ground sheet a person sleeping thereon may have the tendency to roll off on to the ground when turning over in a semi-conscious state of sleep, and it is found that the provision of a pillow centrally disposed at the upper end of the ground sheet tends to locate the user substantially centrally upon the sheet. Again, it is desirable in some cases for the sheet to be partially or completely wrapped around the body of the person reclining thereon, and it will be understood that where the pillow extends throughout the full width of the upper edge it is almost impossible to do this in a satisfactory manner.

It has also been proposed to provide a ground sheet comprising virtually three parts, viz. a central part providing the main body of the ground sheet and a part on each side thereof adapted to be wrapped about the body of a person reclining on the ground sheet. In this arrangement the central or main portion had provided thereon an inflatable pillow or head-rest.

According to the present invention, a ground sheet, sleeping bag or the like of the kind in which an inflatable pillow or head-rest is provided integrally therewith comprises a sheet of material having at one edge thereof a central extension or flap of less width than the sheet, such flap or extension being adapted to be folded back upon itself or upon the sheet and secured along its edges to provide an inflatable pillow or head-rest.

In order that it may be clearly understood and more readily carried into effect, the invention is hereinafter described with reference to the accompanying diagrammatic drawings, in which:

Figure 1 is a plan view illustrating one form of ground sheet in which the pillow or head-rest comprises an inflatable member, while

Figure 2 is a view looking on the underside of the device illustrated in Figure 1, and

Figure 3 is an end elevation illustrating a modified arrangement providing alter-

native positions for the pillow or head-rest.

In carrying the invention into effect according to one form and as illustrated by way of example with reference to Figures 1 and 2 of the drawings, the ground sheet proper comprises a layer 3 of fabric or other suitable material, preferably waterproofed and adapted in use to provide the upper surface which is backed by thin rubber or rubberised cloth, or other damp-proof material. The edges of the material 3 are folded over in the manner illustrated in Figure 2, fastening being effected through the medium of stud fasteners, rivets, eyelets or other convenient members, as illustrated diagrammatically by the reference numeral 5. At the end of the sheet there is provided a pillow or head-rest in the form of an inflatable member 6, a suitable air valve 7 being provided whereby the flow of air to or from the inflatable member may be controlled at will. In this arrangement the inflatable member 6 comprises an extension of the material providing the ground sheet and is folded back onto the underside of the sheet, to which it is secured in the manner illustrated in Figure 2 by solution and stitching.

In Figure 3 there is illustrated a modified arrangement in which the extension or flap is folded back upon itself and secured at the edges by means of rubber solution or other suitable adhesive to provide a pillow 6. In this arrangement the end of the extension or flap after being folded over is secured to the back of itself at a position spaced from the end of the ground sheet proper. In this way the pillow is in effect connected to the ground sheet proper by means of the connecting flap member 8, thereby providing alternative positions for the pillow; thus, it may be turned about its upper edge through 180° from the position illustrated so as to extend beyond the edge of the sheet, thereby providing additional length such as might be required by an exceptionally tall person.

The sheet may in some cases be provided with suitable fastening members in order that it may be wrapped around the body when in use.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A ground sheet, sleeping bag or the like of the kind in which an inflatable pillow or head-rest is provided integrally therewith, comprising a sheet of material having at one edge thereof a central extension or flap of less width than the

sheet, such flap or extension being adapted to be folded back upon itself or upon the sheet and secured along its edges to provide an inflatable pillow or head-rest.

5 2. The improved ground sheet substantially as described with reference to the accompanying diagrammatic drawings.

Dated the 8th day of February, 1933.

For the Applicant,

F. J. CLEVELAND & Co.,

Chartered Patent Agents,

29, Southampton Buildings, Chancery Lane, London, W.C. 2.

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